

CLAIMS:

What is claimed is:

1. A method for dynamically updating a content list, said method comprising the steps of:

5 (1) altering said content list at a feed station server by implementing one or more revisions into said content list;

(2) packaging said one or more revisions implemented in step (1) into a message; and

(3) transmitting said message to one or more field stations for updating at least one copy of said content list at said one or more field stations.

2. The method of claim 1, wherein said altering said content list comprises at least one of creating a new content list, or deleting or revising an existing content list.

15 3. The method of claim 1, wherein said message alters a sequence of stories of said at least one copy of said content list at said one or more field stations.

20 4. The method of claim 1, wherein said message alters, adds, or deletes at least one of a text element,

metadata, or one or more references to media objects, or one or more media objects to said at least one copy of said content list at said one or more field stations.

5 5. The method of claim 1, wherein said content list is comprised of an ordered sequence of stories, and wherein each story is comprised of at least one text element,

metadata, and one or more references to media objects.

6. The method of claim 1, wherein said packaging comprises compressing said message.

7. The method of claim 1, wherein said message includes a timestamp or identifier.

8. The method of claim 1, wherein said step of altering said content list comprises at least one of: adding, revising or deleting at least one of a text element, metadata, or a reference to a media object associated with a story; adding, revising or deleting a new media object; or revising a sequence of stories of said content list.

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9. The method of claim 1, wherein said content list comprises one or more references to media objects, wherein said method further comprising the steps of:

resolving said one or more references by obtaining
said media objects referenced by said one or more
references from a media and object server, wherein each
of said media objects includes one or more versions of
associated media objects; and

transmitting said media objects to said one or more
field stations.

10. The method of claim 1, wherein alterations to said
content list at said feed station server are implemented
substantially instantaneously to said at least one copy
of said content list at said one or more field stations.

11. The method of claim 1, wherein said step of
transmitting comprises transmitting a low resolution
version of a video object for review at said one or more
field stations, said method further comprising:

receiving a request for a high resolution version of
said video object from at least one field station; and

transmitting said high resolution version of said
video object to said at least one field station.

20 12. A method for dynamically updating a content list,
said method comprising the steps of:

(1) receiving a message transmitted from a feed station server at a field station, wherein said message is comprised of one or more revisions packaged therein implemented at said feed station server; and

- 5 (2) updating a copy of said content list maintained at said field station by utilizing said one or more revisions to replace outdated content.

13. The method of claim 12, wherein said content list is comprised of an ordered sequence of stories, and wherein each story is comprised of at least one text element, metadata, and one or more references to media objects.

14. The method of claim 12, wherein said step of updating a copy of said content list comprises at least one of: adding, revising or deleting at least one of a text element, metadata, or a reference to a media object associated with a story; adding, revising or deleting a new media object; or revising a sequence of stories of said copy of said content list.

15. A system for dynamically updating a content list, said system comprising:

a user interface for altering said content list at a feed station server by implementing one or more revisions into said content list;

5 a packaging module for packaging said one or more revisions into a message; and

a transmitter for transmitting said message to one or more field stations for updating at least one copy of said content list at said one or more field stations.

16. The system of claim 15, wherein said message alters, adds, or deletes at least one of a text element, metadata, one or more references to media objects, or one or more media objects to said at least one copy of said content list at said one or more field stations, or alters a sequence of stories of said at least one copy of said content list at said one or more field stations.

17. The system of claim 15, wherein said content list is comprised of an ordered sequence of stories, and wherein each story is comprised of at least one text element, metadata, and one or more references to media objects.

20 18. The system of claim 15, wherein said packaging module comprises a compressing module for compressing said message.

19. The system of claim 15, wherein said message includes a timestamp or identifier.

20. The system of claim 15, wherein said user interface is capable of being used to alter said content list by at least one of: adding, revising or deleting at least one of a text element, metadata, or a reference to a media object associated with a story; adding, revising or deleting a new media object; or revising a sequence of stories of said content list.

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21. The system of claim 15, wherein said content list comprises one or more references to media objects, wherein said system further comprises:

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a resolution module for resolving said one or more references by obtaining said media objects referenced by said one or more references from a media and object server, wherein each of said media objects includes one or more versions of associated media objects; and wherein said transmitter is capable of transmitting said media objects to said one or more field stations.

22. The system of claim 15, wherein alterations to said content list at said feed station server are implemented

substantially instantaneously to said at least one copy of said content list at said one or more field stations.

23. The system of claim 15, wherein said transmitter is capable of transmitting a low resolution version of a video object for review at said one or more field stations, and wherein said system further comprises:

a receiver for receiving a request for a high resolution version of said video object from at least one field station; and wherein, in response to receiving said request, said transmitter transmits said high resolution version of said video object to said at least one field station.

24. A system for dynamically updating a content list, said system comprising:

15 a receiver for receiving a message transmitted from a feed station server at a field station, wherein said message is comprised of one or more revisions packaged therein implemented at said feed station server; and

20 a processor for updating a copy of said content list maintained at said field station by utilizing said one or more revisions to replace outdated content.

25. The system of claim 24, wherein said content list is comprised of an ordered sequence of stories, and wherein each story is comprised of at least one text element, metadata, and one or more references to media objects.

5 26. The system of claim 24, wherein said processor updates said copy of said content list by at least one of: adding, revising or deleting at least one of a text element, metadata, or a reference to a media object associated with a story; adding, revising or deleting a new media object; or revising a sequence of stories of said copy of said content list.

10 27. A system for dynamically updating a content list, said system comprising:

15 means for altering said content list at a feed station server by implementing one or more revisions into said content list;

20 means for packaging said one or more revisions into a message; and

25 means for transmitting said message to one or more field stations for updating at least one copy of said content list at said one or more field stations.

28. The system of claim 27, wherein said message alters,
adds, or deletes at least one of a text element,
metadata, one or more references to media objects, or one
or more media objects to said at least one copy of said
content list at said one or more field stations, or
5 alters a sequence of stories of said at least one copy of
said content list at said one or more field stations.

29. The system of claim 27, wherein said content list is
comprised of an ordered sequence of stories, and wherein
each story is comprised of at least one text element,
metadata, and one or more references to media objects.

30. The system of claim 27, wherein said means for
altering said content list comprises at least one of:
means for adding, revising or deleting at least one of a
text element, metadata, or a reference to a media object
associated with a story; means for adding, revising or
deleting a new media object; or means for revising a
sequence of stories of said content list.

31. The system of claim 27, wherein alterations to said
20 content list at said feed station server are implemented
substantially instantaneously to said at least one copy
of said content list at said one or more field stations.

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32. A system for dynamically updating a content list, said system comprising:

means for receiving a message transmitted from a feed station server at a field station, wherein said message is comprised of one or more revisions packaged therein implemented at said feed station server; and

means for updating a copy of said content list maintained at said field station by utilizing said one or more revisions to replace outdated content.

33. The system of claim 32, wherein said content list is comprised of an ordered sequence of stories, and wherein each story is comprised of at least one text element, metadata, and one or more references to media objects.

34. The system of claim 32, wherein said means for updating a copy of said content list comprises at least one of: means for adding, revising or deleting at least one of a text element, metadata, or a reference to a media object associated with a story; means for adding, revising or deleting a new media object; or means for revising a sequence of stories of said copy of said content list.

35. A computer readable medium storing instructions executable by a computer, the instructions for instructing the computer to effect dynamically updating a content list, said medium comprising instructions for:

5 altering said content list at a feed station server by implementing one or more revisions into said content list;

 packaging said one or more revisions into a message; and

 transmitting said message to one or more field stations for updating at least one copy of said content list at said one or more field stations.

36. The medium of claim 35, wherein said message alters, adds, or deletes at least one of a text element, metadata, one or more references to media objects, or one or more media objects to said at least one copy of said content list at said one or more field stations, or alters a sequence of stories of said at least one copy of said content list at said one or more field stations.

20 37. The medium of claim 35, wherein said content list is comprised of an ordered sequence of stories, and wherein

each story is comprised of at least one text element, metadata, and one or more references to media objects.

38. The medium of claim 35, wherein said instructions for altering said content list comprises at least one of:
5 instructions for adding, revising or deleting at least one of a text element, metadata, or a reference to a media object associated with a story; instructions for adding, revising or deleting a new media object; or instructions for revising a sequence of stories of said content list.

39. The medium of claim 35, wherein alterations to said content list at said feed station server are implemented substantially instantaneously to said at least one copy of said content list at said one or more field stations.

40. A computer readable medium storing instructions executable by a computer, the instructions for instructing the computer to effect dynamically updating a content list, said medium comprising instructions for:
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receiving a message transmitted from a feed station server at a field station, wherein said message is comprised of one or more revisions packaged therein implemented at said feed station server; and

updating a copy of said content list maintained at said field station by utilizing said one or more revisions to replace outdated content.

5 41. The medium of claim 40, wherein said content list is comprised of an ordered sequence of stories, and wherein each story is comprised of at least one text element, metadata, and one or more references to media objects.

42. The medium of claim 40, wherein said instruction for updating a copy of said content list comprises at least one of: instruction for adding, revising or deleting at least one of a text element, metadata, or a reference to a media object associated with a story; instruction for adding, revising or deleting a new media object; or instruction for revising a sequence of stories of said copy of said content list.

43. A system for dynamically updating a content list, said system comprising:

20 a newsroom computer system for coordinating generation and revision of news information including said content list, wherein said content list is comprised of an ordered sequence of stories, and wherein each story is

comprised of at least one of a text element, metadata, and one or more references to media objects;

one or more media and object servers for storing said media objects referenced by said one or more references;

5 and

an object and stream manager for managing transmission of data to one or more client servers including one or more revisions to said ordered sequence of stories of said content list, text element, metadata, references to media objects and media objects retrieved from said one or more media and object servers, wherein said one or more revisions to said content list made at said newsroom computer system are packaged into a message and transmitted to said one or more client servers for updating one or more corresponding content lists at said one or more client servers.

44. The system of claim 43, wherein each of said one or more client servers stores a copy of said content list and is capable of receiving data from said object and stream manager, wherein said one or more revisions, received from said object and stream manager, are transmitted in said message to said one or more client servers.

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45. The system of claim 43, wherein each of said one or more client servers comprises a client newsroom computer system for viewing a client server copy of said content list including text elements, metadata, and media objects.

46. The system of claim 43, wherein said object and stream manager further comprises a receiver unit for receiving information from said newsroom computer system.

47. The system of claim 43, wherein said object and stream manager further comprises a file parser for identifying the one or more references to the media objects in said content list.

48. The system of claim 43, wherein said object and stream manager further comprises a storage unit for storing the media objects retrieved from said one or more media and object servers.

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49. The system of claim 43, wherein said object and stream manager further comprises a rules module for storing and applying rules to said content list, wherein said rules govern at least a routing of said content list within said system.

50. The system of claim 43, wherein said object and stream manager further comprises an addressing module for generating addressing information for transmitting said content list to appropriate destinations.

51. The system of claim 43, wherein said object and stream manager further comprises a transmit module for utilizing said addressing information provided by said addressing module to transmit said content list.

52. The system of claim 43, wherein said one or more media and object servers are responsible for transmitting media objects to at least one of said object and stream manager for transmission or a user interface of said newsroom computer system for viewing or manipulation.

53. The system of claim 43, wherein said metadata comprises at least one of text, XML markup, and binary information.

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